

From: Rand Crafts
To: mradulov@deq.state.ut.us
Date: Saturday, September 29, 2001 11:47:58 AM
Subject: IPSC Uprate Data

Milka,

Sorry for the delay. There are some engineering reviews occurring on some of the project modification. One in particular could impact the AO. If so, we will advise.

Anyway, the attached sheet shows both what the PTE for this facility should be (no fugitives), and the expected actuals emission change from the uprate.

The only PTE calcs I could find were from the original PSD permit for four 750MW units (i.e., 67,000tons/yr NOx). So the attached spreadsheet show what PTE would be at current capacity, 8760 hours, allowing for permit limits.

The calcs for HAPs/VOCs are also included so you can determine what were included in each list. On the emission change chart, the HAPs (other) exclude all VOC's, lead, mercury, fluorides (HF), beryllium, and sulfuric acid. It includes all other HAPs reasonably expected to be emitted from IPP.

If you have any further questions, let me know. Thanks

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$$\begin{aligned}
 & 300,000 \text{ lb/yr} \times 60 \times 8760 \\
 & \times 1002\% \\
 & \div \frac{19,000}{100,000} \times 8.33\% / \text{yd} \\
 & \times \frac{1 \text{ Ton}}{2000 \text{ lbs}} \\
 & \hline
 & - 500 \text{ Tons} / \text{Unit?}
 \end{aligned}$$

$$\begin{aligned}
 315,000 & \rightarrow 420 \text{ Tons} \\
 252,000 & \rightarrow 105 \text{ Tons} \\
 63,000 & \rightarrow \\
 \hline
 & 525 \text{ Tons}
 \end{aligned}$$

$$\begin{aligned}
 & 100\% \\
 & .0015\%
 \end{aligned}$$